Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJRK1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	DEC 05	CASREACT(R) - Over 10 million reactions available
NEWS 4	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6	DEC 14	CA/CAplus to be enhanced with updated IPC codes
NEWS 7	DEC 21	IPC search and display fields enhanced in CA/CAplus with the IPC reform
NEWS 8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS 9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS 11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS 13	JAN 30	Saved answer limit increased
NEWS 14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT http://download.cas.org/express/v8.0-Discover/

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

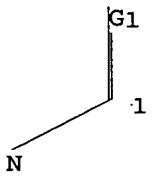
Enter NEWS followed by the item number or name to see news on that specific topic.

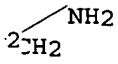
All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

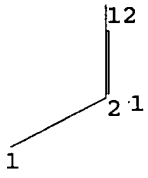
* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

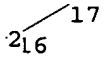
FILE 'HOME' ENTERED AT 13:44:17 ON 04 FEB 2006

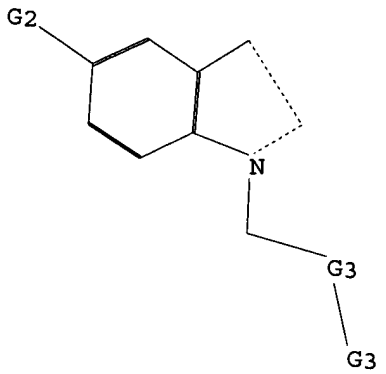
```
=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 13:44:24 ON 04 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:     2 FEB 2006  HIGHEST RN 873374-92-6
DICTIONARY FILE UPDATES:    2 FEB 2006  HIGHEST RN 873374-92-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10824025\Struc 6.str
```

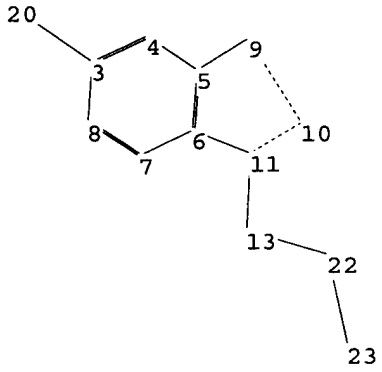












chain nodes :
1 2 12 13 16 17 20 22 23
ring nodes :
3 4 5 6 7 8 9 10 11
chain bonds :
1-2 2-12 3-20 11-13 13-22 16-17 22-23
ring bonds :
3-8 3-4 4-5 5-6 5-9 6-7 6-11 7-8 9-10 10-11
exact/norm bonds :
1-2 2-12 3-20 5-9 6-11 9-10 10-11 11-13 13-22 22-23
exact bonds :
16-17
normalized bonds :
3-8 3-4 4-5 5-6 6-7 7-8

G1:O,N

G2:[*1],[*2]

G3:Cb,Cy,Hy

Match level :
1:CLASS 2:CLASS 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 16:CLASS 17:CLASS 20:CLASS 22:CLASS 23:CLASS

10824025amend.trn

```
L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> l1
SAMPLE SEARCH INITIATED 13:44:54 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    13675 TO ITERATE

 14.6% PROCESSED     2000 ITERATIONS                                 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       266495 TO   280505
PROJECTED ANSWERS:               1 TO      292

L2            1 SEA SSS SAM L1

=> l1 full
FULL SEARCH INITIATED 13:44:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   274582 TO ITERATE

100.0% PROCESSED   274582 ITERATIONS                             150 ANSWERS
SEARCH TIME: 00.00.11

L3          150 SEA SSS FUL L1

=> file medline caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                             166.94     167.15

FILE 'MEDLINE' ENTERED AT 13:45:15 ON 04 FEB 2006

FILE 'CAPLUS' ENTERED AT 13:45:15 ON 04 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

=> l3
L4            8 L3

=> d ti 1-8

L4   ANSWER 1 OF 8  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Preparation of thienylisoxazolylmethylindolecarboxamides and related
     compounds as factor Xa and/or VIIa inhibitors.
```

L4 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Biarylmethyl indolines, indoles, and tetrahydroquinolines, useful as serine protease inhibitors, and particularly as anticoagulants, and their preparation, pharmaceutical compositions, and use.

L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of amide-substituted (hetero)aryl derivatives as inhibitors of microsomal triglyceride transfer protein (MTP) and apolipoprotein B (Apo B) secretion

L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of indole-2-carboxamides as factor Xa inhibitors

L4 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of heterocyclic compounds as inhibitors of factor Xa

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of aryl(carboxamido)azoles and analogs as modulators of molecules with phosphotyrosine recognition units

L4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Design, Synthesis, and Evaluation of Nonpeptidic Inhibitors of Human Rhinovirus 3C Protease

L4 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of 1-(4-biphenylyl)benzimidazoles as angiotensin II antagonists

=> d ibib abs hitstr 1

L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:1011965 CAPLUS
DOCUMENT NUMBER: 142:6513
TITLE: Preparation of thienylisoxazolylmethylindolecarboxamides and related compounds as factor Xa and/or VIIa inhibitors.
INVENTOR(S): Nazare, Marc; Wehner, Volkmar; Ritter, Kurt; Laux, Volker
PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany
SOURCE: Eur. Pat. Appl., 97 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

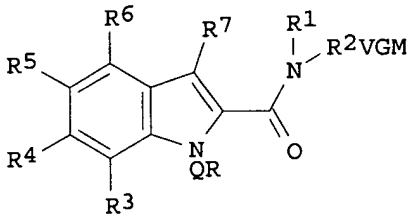
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1479677	A1	20041124	EP 2003-11306	20030519
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CA 2526066	AA	20041125	CA 2004-2526066	20040505
WO 2004101554	A1	20041125	WO 2004-EP4751	20040505
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2005033049	A1	20050210	US 2004-848743		20040519
PRIORITY APPLN. INFO.:			EP 2003-11306	A	20030519
			US 2003-507172P	P	20030930
			WO 2004-EP4751	W	20040505

OTHER SOURCE(S): MARPAT 142:6513

GI



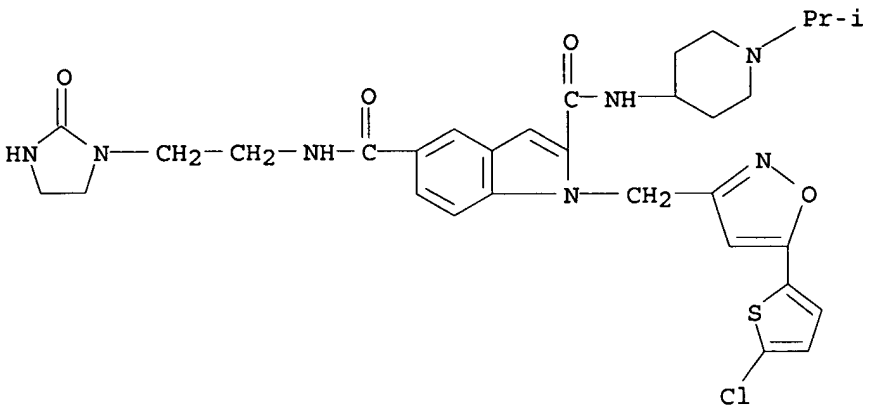
I

AB Title compds. [I; R = halo, NO2, cyano, CONH2, OH, NH2, OCF3, SO2Me, (substituted) mono- or bicyclic 6-14 membered aryl, 4-15 membered heterocyclyl, etc.; Q = bond, aminocarbonylalkyl, NR10CONR10, NR10CO, SO2, alkylene, etc.; R1 = H, (substituted) alkyl, aminocarbonylalkyl, 6-14 membered mono- or bicyclic aryl, etc.; R2 = bond, alkylene; R1R7 = atoms to form a (substituted) 6-8 membered heterocyclic ring; V = (substituted) 3-7 membered heterocyclyl, 6-14 membered aryl, 4-15 membered heterocyclyl; G = bond, (CH2)mNR10SO2NR10(CH2)n, (CH2)mCH(OH)(CH2)n, (CH2)mCONR10, CH2SO2(CH2)n, (CH2)mO2CNR10(CH2)n, etc.; m, n = 0-6; M = H, (substituted) alkyl, aminocarbonyl, (CH2)mNR10, (substituted) 6-14 membered aryl, 4-15 membered heterocyclyl, cycloalkyl, etc.; R3-R7 = H, halo, NO2, cyano, CONHCN, CONHSO2Me, perfluoroalkyl, OH, specified azolyl, (substituted) alkyl, Ph, alkoxy, PhO, etc.; R10 = H, alkyl, hydroxyalkyl, alkoxyalkyl, perfluoroalkyl], were prepared Thus, 1-[5-(5-chlorothien-2-yl)isoxazol-3-ylmethyl]-2-(1-isopropylpiperidin-4-ylcarbamoyl)-1H-indole-5-carboxylic acid, Et3N, 1-(2-hydroxyethyl)pyrrolidin-2-one, and BOP-Cl were stirred together for 16 h in CH2Cl2 to give 1-[5-(5-chlorothien-2-yl)isoxazol-3-ylmethyl]-2-(1-isopropylpiperidin-4-ylcarbamoyl)-1H-indole-5-carboxylic acid 2-(2-oxopyrrolidin-1-yl)ethyl ester obtained as the CF3CO2H salt. The latter inhibited factor Xa with Ki = 0.008 μM.

IT **796989-84-9P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of thienylisoxazolylmethylindolecarboxamides and related compds. as factor Xa and/or VIIa inhibitors)

RN 796989-84-9 CAPLUS

CN 1H-Indole-2,5-dicarboxamide, 1-[[5-(5-chloro-2-thienyl)-3-isoxazolyl]methyl]-N2-[1-(1-methylethyl)-4-piperidinyl]-N5-[2-(2-oxo-1-imidazolidinyl)ethyl]- (9CI) (CA INDEX NAME)



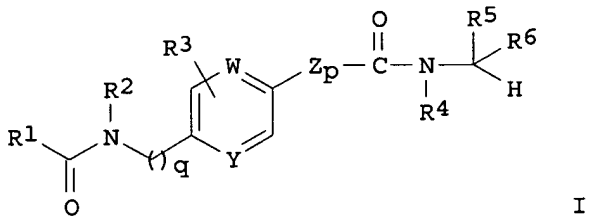
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs hitstr 3-8

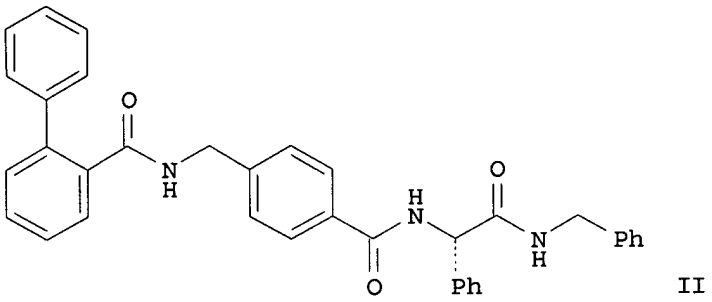
L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:546481 CAPLUS
DOCUMENT NUMBER: 141:106375
TITLE: Preparation of amide-substituted (hetero)aryl derivatives as inhibitors of microsomal triglyceride transfer protein (MTP) and apolipoprotein B (Apo B) secretion
INVENTOR(S): Bertinato, Peter; Bronk, Brian Scott; Cheng, Hengmiao; Chang, George; Cole, Bridget McCarthy; Li, Jin; Ruggeri, Roger Benjamin
PATENT ASSIGNEE(S): Pfizer Products Inc., USA
SOURCE: PCT Int. Appl., 90 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004056777	A1	20040708	WO 2003-IB5809	20031208
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2505604	AA	20040708	CA 2003-2505604	20031208
EP 1578725	A1	20050928	EP 2003-777054	20031208
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003017323	A	20051116	BR 2003-17323	20031208

US 2004132745 A1 20040708 US 2003-742197 20031219
PRIORITY APPLN. INFO.: US 2002-435377P P 20021220
WO 2003-IB5809 W 20031208
OTHER SOURCE(S): MARPAT 141:106375
GI



I



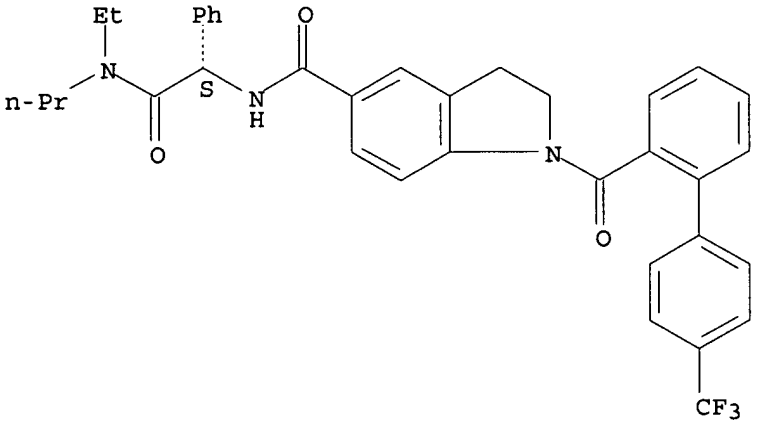
II

AB Title compds. I [R1 = substituted (hetero)aryl; R2 = H, (cyclo)alkyl, acyl, etc.; p, q = 0-1; R3 = H, halo, alkyl, haloalkyl, etc.; Y, W = substituted alkyl, N, etc.; Z = SCH2, CH2, OCH2; R4 = H, (cyclo)alkyl, acyl, etc.; R5 = alkyl, Ph, heteroaryl; R6 = H, alkyl, etc.] are prepared For instance, 4-[[(4'-trifluoromethylbiphenyl-2-carbonyl)amino]methyl]benzoic acid Me ester (preparation given) is saponified and coupled to (S)-N-benzyl-2-amino-2-phenylacetamide hydrochloride. (CH2Cl2, i-Pr2NEt, PyBOP) to give II. I are inhibitors of microsomal triglyceride transfer protein (MTP) and/or apolipoprotein B (Apo B) secretion; they are useful for the treatment of obesity and related diseases, as well as prevention and treatment of atherosclerosis and its clin. sequelae, for lowering serum lipids and in the prevention and treatment of related diseases.

IT **720683-27-2P 720683-28-3P 720683-29-4P**
720683-30-7P 720683-31-8P 720683-32-9P
720683-33-0P 720683-34-1P 720683-35-2P
720683-36-3P 720683-37-4P 720683-38-5P
720683-39-6P 720683-40-9P 720683-41-0P
720683-42-1P 720683-43-2P 720683-44-3P
720683-45-4P 720683-46-5P 720683-48-7P
720683-49-8P 720683-50-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amide-substituted (hetero)aryl derivs. as inhibitors of microsomal triglyceride transfer protein (MTP) and apolipoprotein B

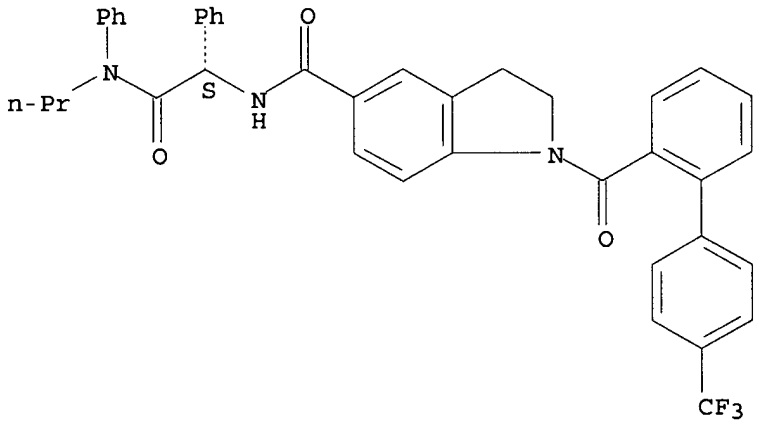
(Apo B) secretion)
RN 720683-27-2 CAPLUS
CN 1H-Indole-5-carboxamide, N-[(1S)-2-(ethylpropylamino)-2-oxo-1-phenylethyl]-2,3-dihydro-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



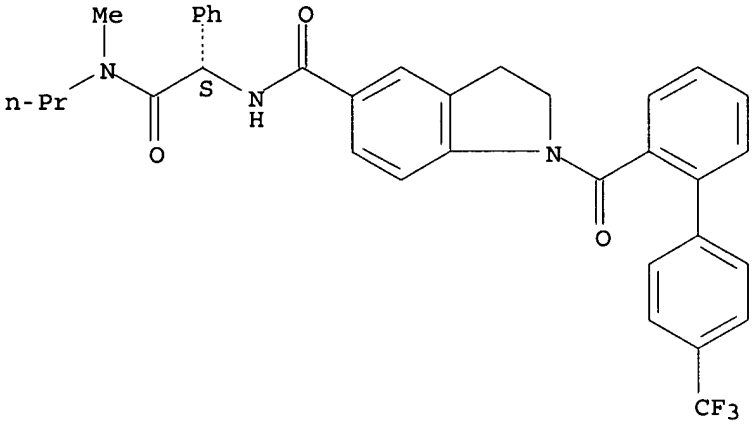
RN 720683-28-3 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-oxo-1-phenyl-2-(phenylpropylamino)ethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



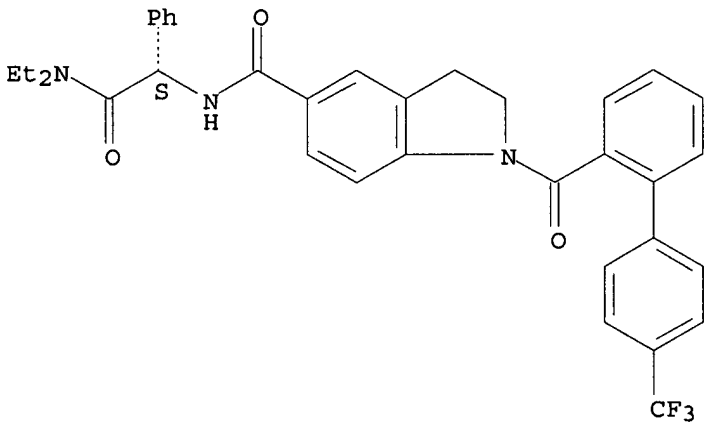
RN 720683-29-4 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-(methylpropylamino)-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



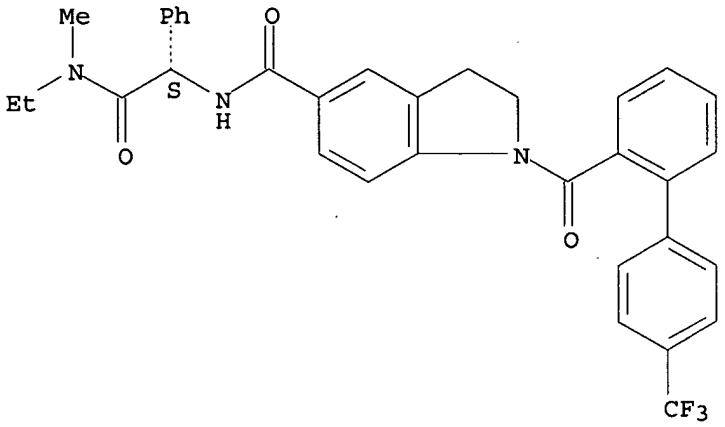
RN 720683-30-7 CAPLUS
CN 1H-Indole-5-carboxamide, N-[(1S)-2-(diethylamino)-2-oxo-1-phenylethyl]-2,3-dihydro-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



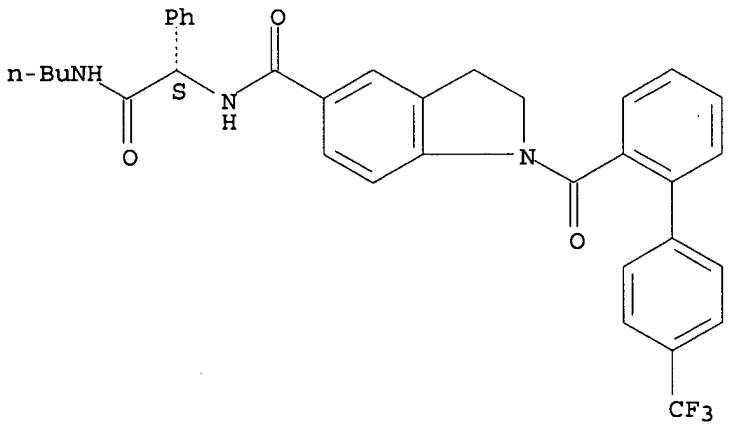
RN 720683-31-8 CAPLUS
CN 1H-Indole-5-carboxamide, N-[(1S)-2-(ethylmethylamino)-2-oxo-1-phenylethyl]-2,3-dihydro-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



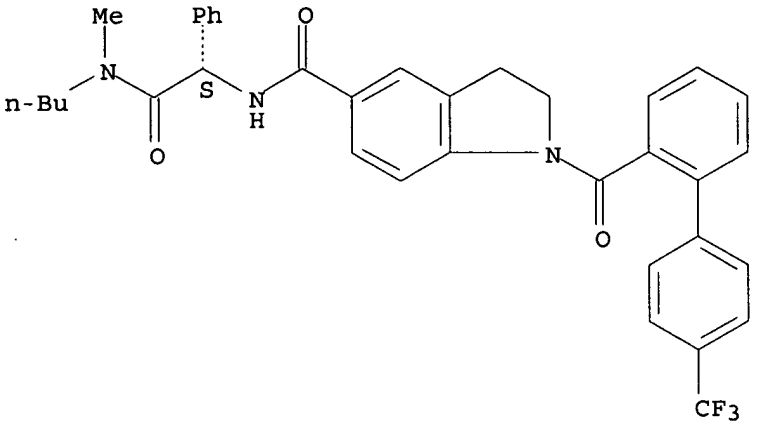
RN 720683-32-9 CAPLUS
CN 1H-Indole-5-carboxamide, N-[(1S)-2-(butylamino)-2-oxo-1-phenylethyl]-2,3-dihydro-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



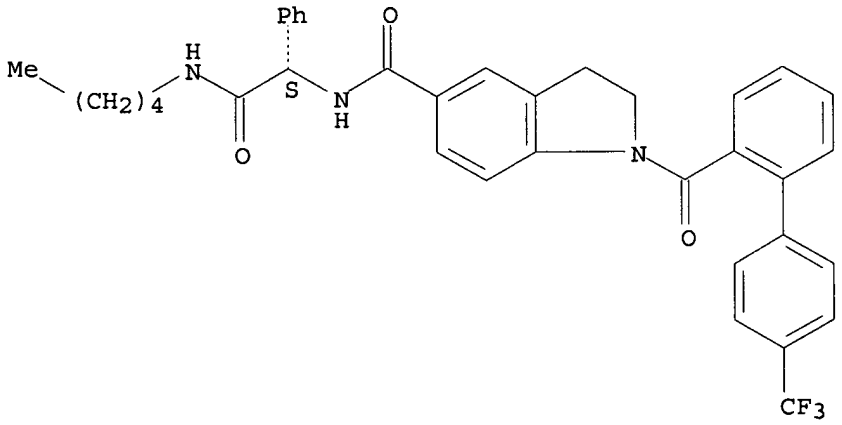
RN 720683-33-0 CAPLUS
CN 1H-Indole-5-carboxamide, N-[(1S)-2-(butylmethylamino)-2-oxo-1-phenylethyl]-2,3-dihydro-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



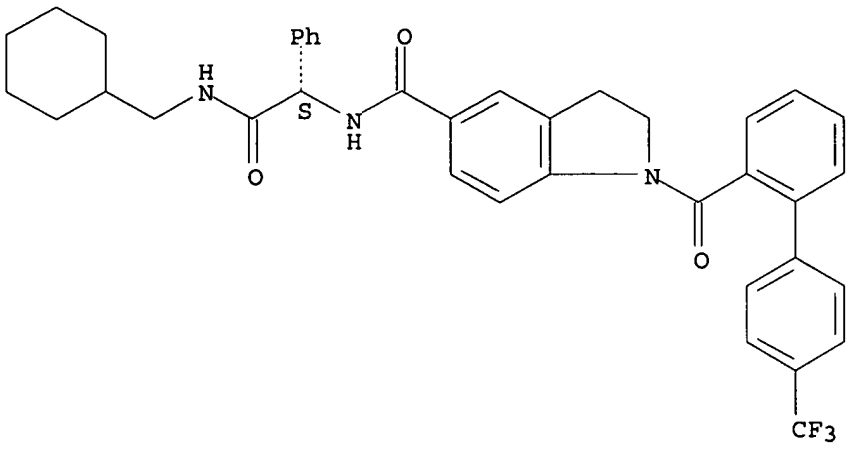
RN 720683-34-1 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-oxo-2-(pentylamino)-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



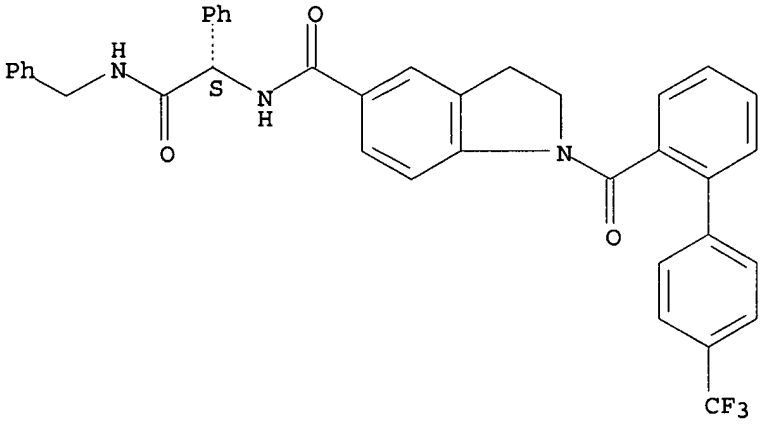
RN 720683-35-2 CAPLUS
CN 1H-Indole-5-carboxamide, N-[(1S)-2-[(cyclohexylmethyl)amino]-2-oxo-1-phenylethyl]-2,3-dihydro-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



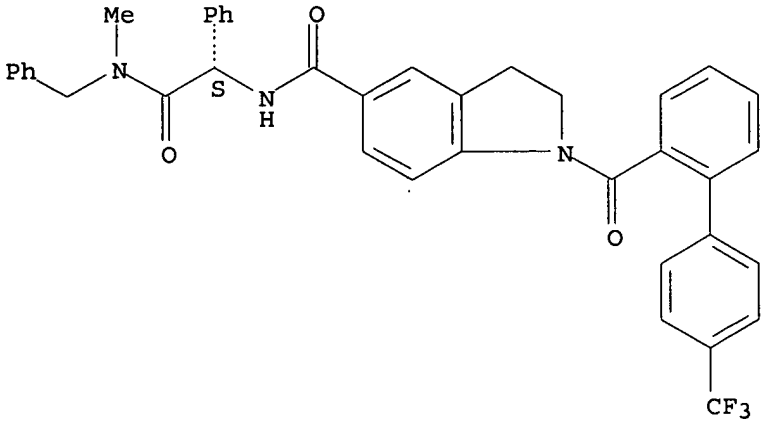
RN 720683-36-3 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-oxo-1-phenyl-2-[(phenylmethyl)amino]ethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



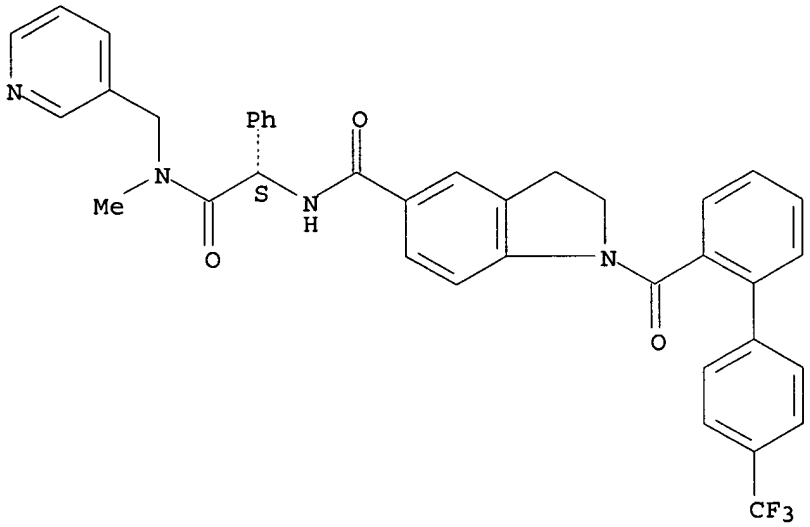
RN 720683-37-4 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-[methyl(phenylmethyl)amino]-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



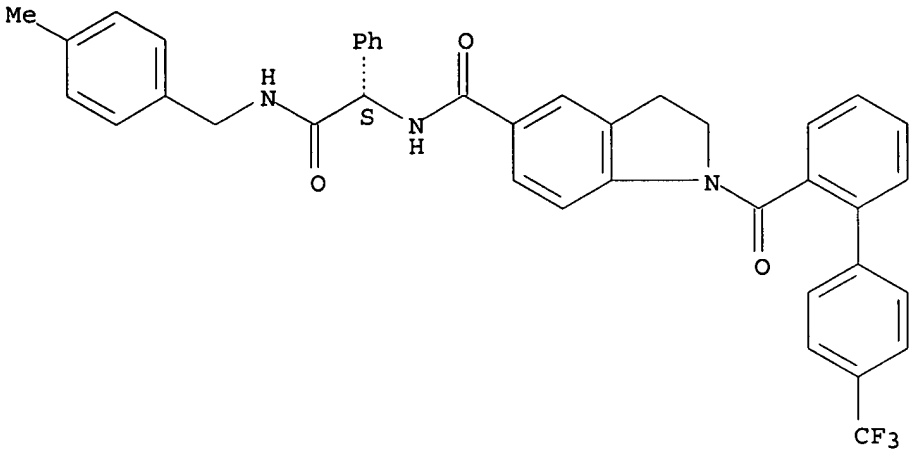
RN 720683-38-5 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-[methyl(3-pyridinylmethyl)amino]-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



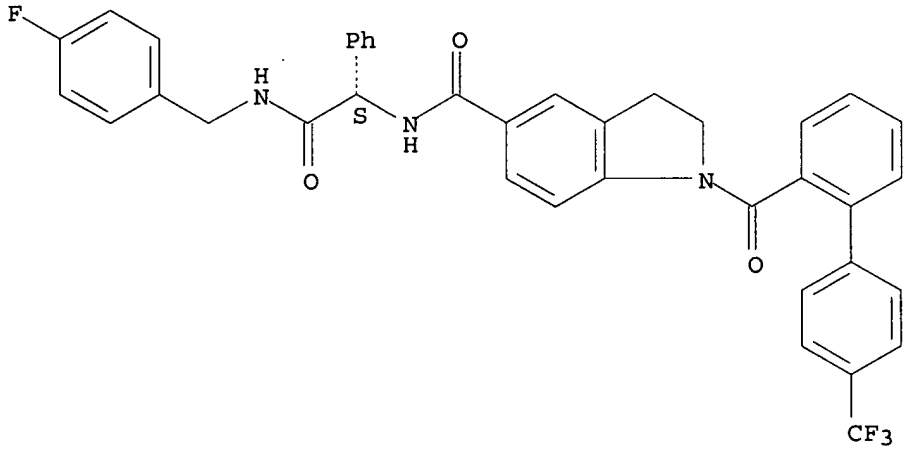
RN 720683-39-6 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-[[(4-methylphenyl)methyl]amino]-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



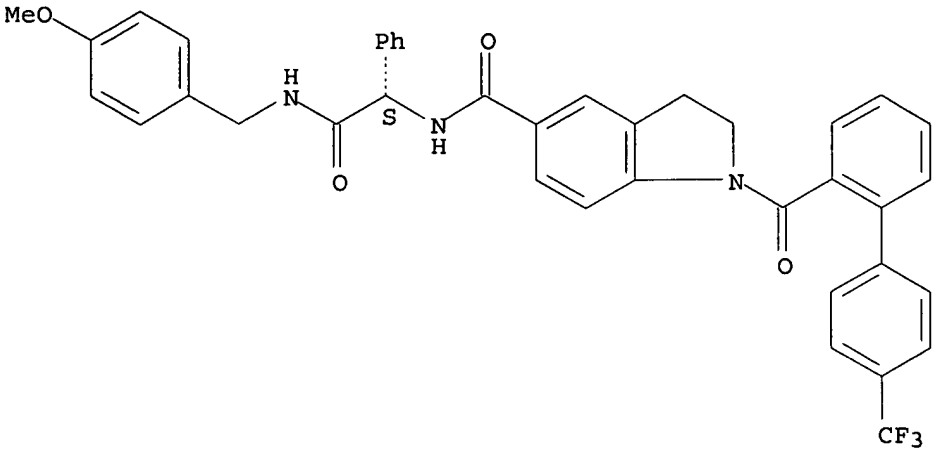
RN 720683-40-9 CAPLUS
CN 1H-Indole-5-carboxamide, N-[(1S)-2-[[(4-fluorophenyl)methyl]amino]-2-oxo-1-phenylethyl]-2,3-dihydro-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



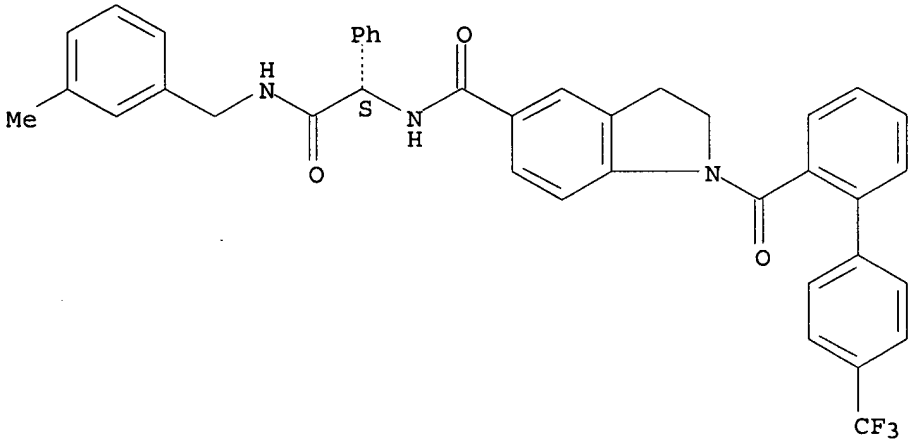
RN 720683-41-0 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-[[(4-methoxyphenyl)methyl]amino]-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



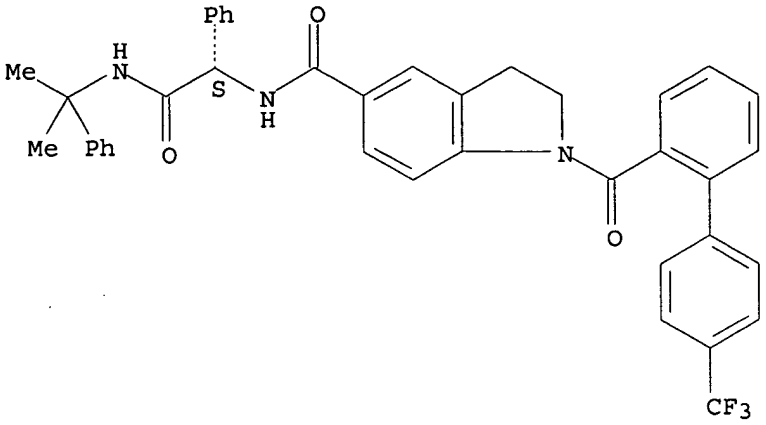
RN 720683-42-1 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-[[(3-methylphenyl)methyl]amino]-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



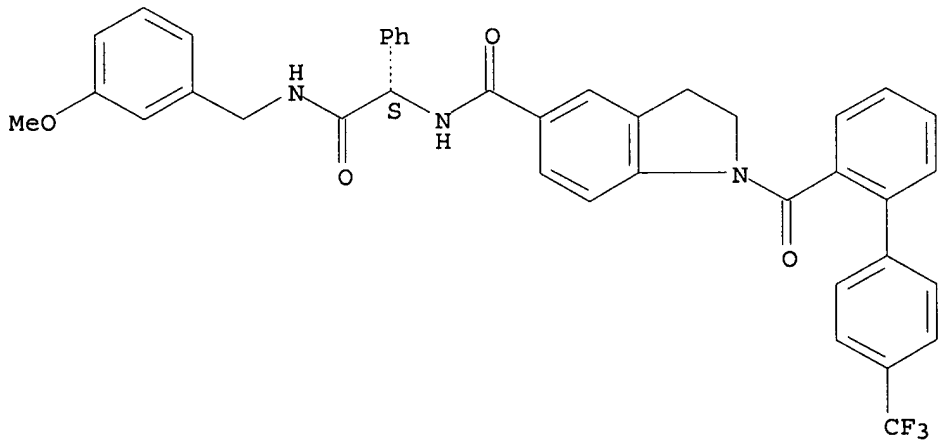
RN 720683-43-2 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-[(1-methyl-1-phenylethyl)amino]-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



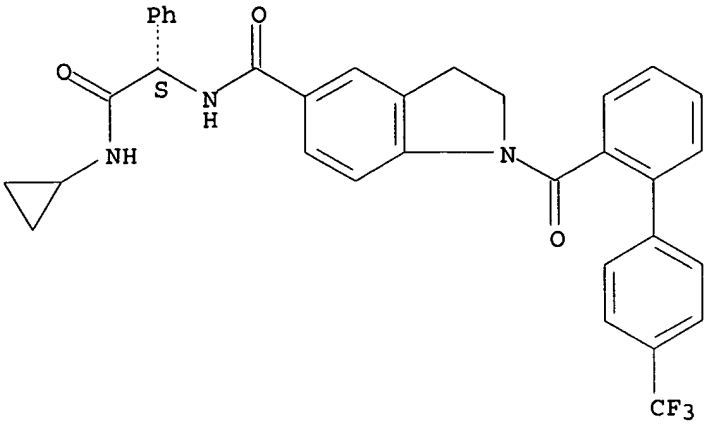
RN 720683-44-3 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-[[(3-methoxyphenyl)methyl]amino]-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



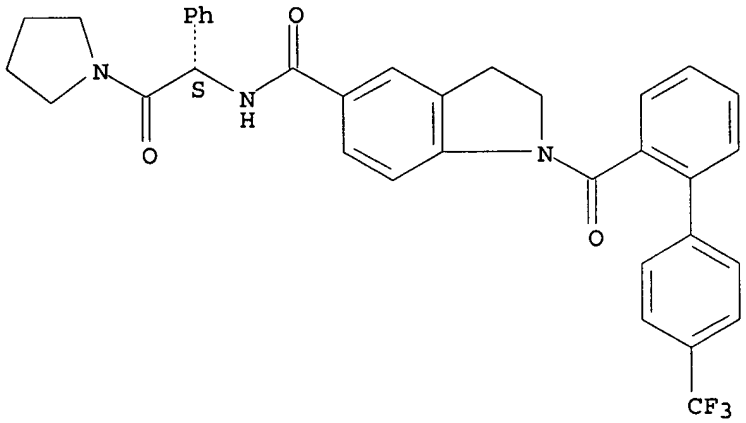
RN 720683-45-4 CAPLUS
CN 1H-Indole-5-carboxamide, N-[(1S)-2-(cyclopropylamino)-2-oxo-1-phenylethyl]-2,3-dihydro-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



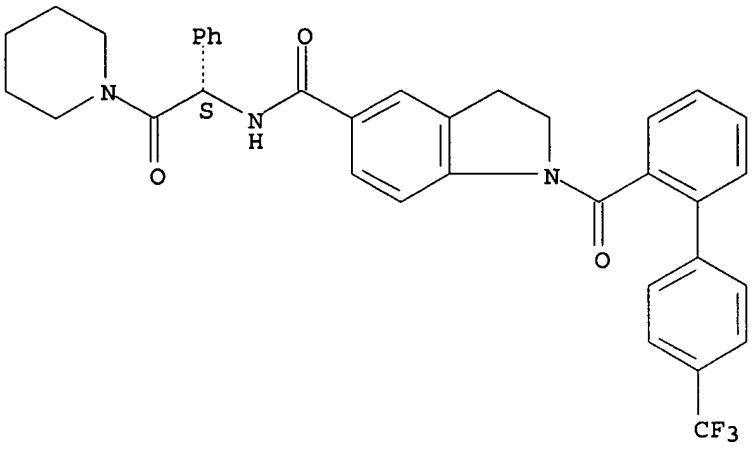
RN 720683-46-5 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-oxo-1-phenyl-2-(1-pyrrolidinyl)ethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



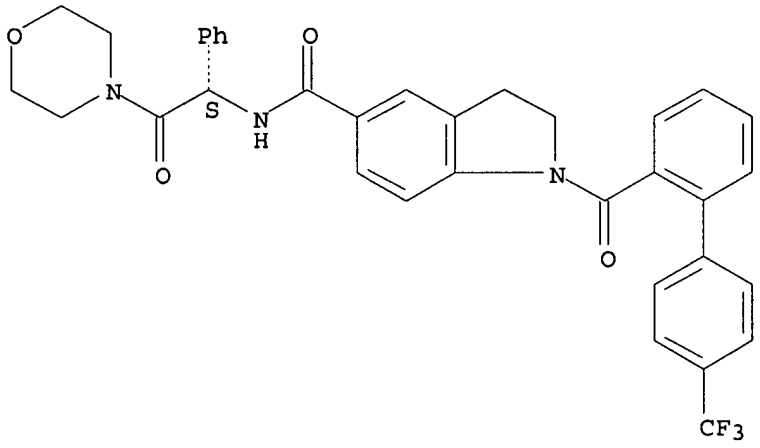
RN 720683-48-7 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-oxo-1-phenyl-2-(1-piperidinyl)ethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



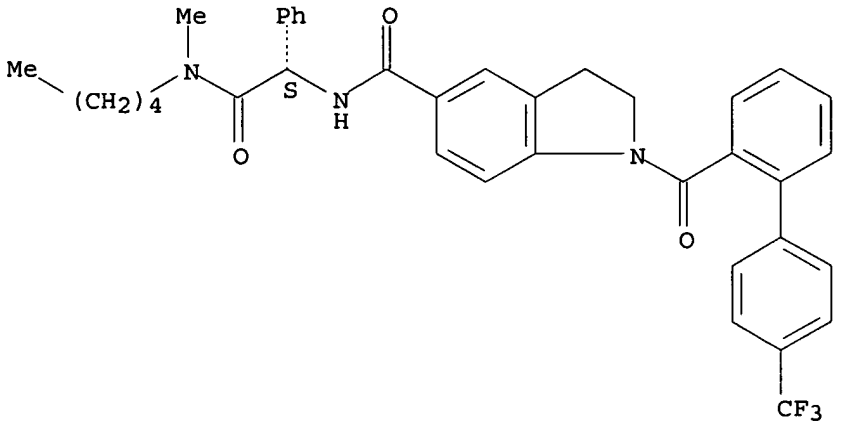
RN 720683-49-8 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-(4-morpholinyl)-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720683-50-1 CAPLUS
CN 1H-Indole-5-carboxamide, 2,3-dihydro-N-[(1S)-2-(methylpentylamino)-2-oxo-1-phenylethyl]-1-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

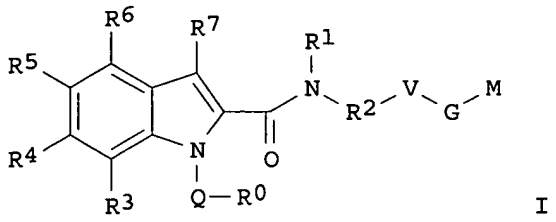
L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:355668 CAPLUS
DOCUMENT NUMBER: 140:357208
TITLE: Preparation of indole-2-carboxamides as factor Xa inhibitors
INVENTOR(S): Nazare, Marc; Essrich, Melanie; Will, David William; Mattter, Hans; Ritter, Kurt; Wehner, Wolkmar
PATENT ASSIGNEE(S): Aventis Pharma Deutschland G.m.b.H., Germany
SOURCE: PCT Int. Appl., 230 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003044014	A1	20030530	WO 2002-EP12500	20021108
WO 2003044014	C1	20040722		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1314733	A1	20030528	EP 2001-127809	20011122
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
CA 2467374	AA	20030530	CA 2002-2467374	20021108
AU 2002351918	A1	20030610	AU 2002-351918	20021108
EP 1451185	A1	20040901	EP 2002-787604	20021108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002014396	A	20040914	BR 2002-14396	20021108
JP 2005514365	T2	20050519	JP 2003-545651	20021108

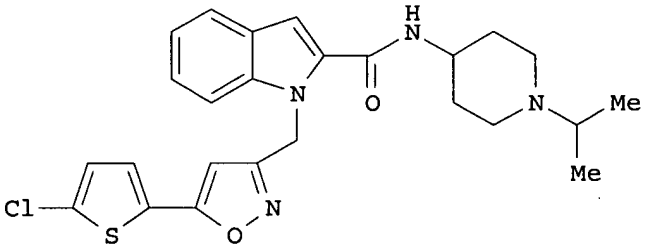
NZ 533044	A	20051125	NZ 2002-533044		20021108
NO 2004002592	A	20040621	NO 2004-2592		20040621
PRIORITY APPLN. INFO.:			EP 2001-127809	A	20011122
			WO 2002-EP12500	W	20021108

OTHER SOURCE(S): MARPAT 140:357208

GI



I



II

AB The title compds. I [wherein R0 = (un)substituted monocyclic or bicyclic (hetero)aryl; Q = a bond, CO, SO2, or (un)substituted (CH2)0-2CONH, NHCONH, NHCO, or (cyclo)alkylene; R1 = H or (un)substituted alkyl; R2 = a bond or alkylene; or NR1R2V = (un)substituted heterocyclyl; R3-R7 = independently H, halo, NO2, CN, OH, or (un)substituted alkyl, alkoxy, Ph, PhO, carbamoyl, sulfamoyl, acyl, etc.; or R1 and R7 together with the atoms to which they are attached = (un)substituted mono-, di-, or trisubstituted heterocyclyl; V = (un)substituted (hetero)cyclyl or (hetero)aryl; G = a bond or alkylene optionally interrupted by (un)substituted NHSO2NH, CHOH, O, CONH, SO2, NHCONH, NHCO, CO, S, SO2NH, NHSO2, NH, OCO, or NHCO2; M = H or (un)substituted (amino)alkyl, carbamoyl, (hetero)aryl, or (hetero)cycloalkyl; and stereoisomers, mixts., and physiol. tolerable salts thereof] where prepared as reversible inhibitors of the blood clotting enzymes factor Xa (FXa) and/or factor VIIa (FVIIa) with strong antithrombotic effect. For example, 1-[[5-(5-chlorothiophen-2-yl)isoxazol-3-yl]methyl]-1H-indole-2-carboxylic acid was amidated with 1-isopropylpiperidin-4-ylamine•HCl (prepns. given) in the presence of BOP-Cl, Et3N, and DCM and the product purified by preparative HPLC using a H2O/MeCN gradient with 0.1% TFA to afford II•TFA. In a chromogenic assay, the latter exhibited a Ki value of 0.0033 μM against human factor Xa. Thus, I and their pharmaceutical compns. are useful for the therapy and prophylaxis of cardiovascular disorders, such as thromboembolic diseases or restenoses (no data).

IT **681288-95-9P**

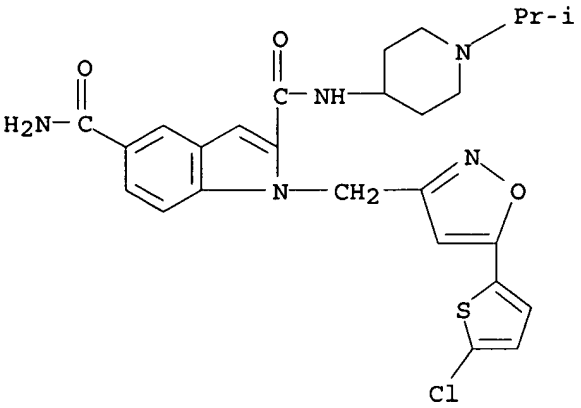
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(factor Xa inhibitor; preparation of indolecarboxamides as factor Xa inhibitors for treatment of thrombotic and cardiovascular disorders)

RN 681288-95-9 CAPLUS

CN 1H-Indole-2,5-dicarboxamide, 1-[[5-(5-chloro-2-thienyl)-3-

isoxazolyl]methyl]-N2-[1-(1-methylethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)

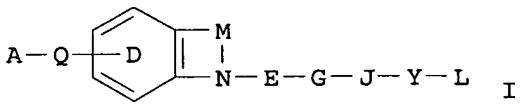


REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

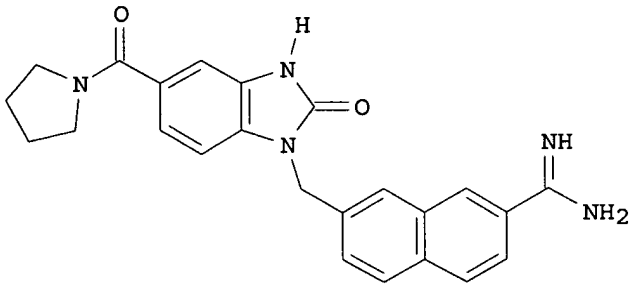
L4 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:137189 CAPLUS
DOCUMENT NUMBER: 134:193446
TITLE: Preparation of heterocyclic compounds as inhibitors of factor Xa
INVENTOR(S): Zhu, Bing-Yan; Scarborough, Robert M.; Clizbe, Lane; Doughan, Brandon; Jia, Zhaozhong-Jon; Kane-Maguire, Kim; Marlowe, Charles; Song, Yonghong; Su, Ting; Teng, Willy; Zhang, Penglie
PATENT ASSIGNEE(S): Cor Therapeutics, Inc., USA; et al.
SOURCE: PCT Int. Appl., 387 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2001012600	A1	20010222	WO 2000-US21742		20000810
WO 2001012600	C2	20020912			
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
US 6534535	B1	20030318	US 2000-636804		20000810
PRIORITY APPLN. INFO.:			US 1999-148627P	P	19990812
			US 2000-202202P	P	20000505

OTHER SOURCE(S): MARPAT 134:193446
GI



I



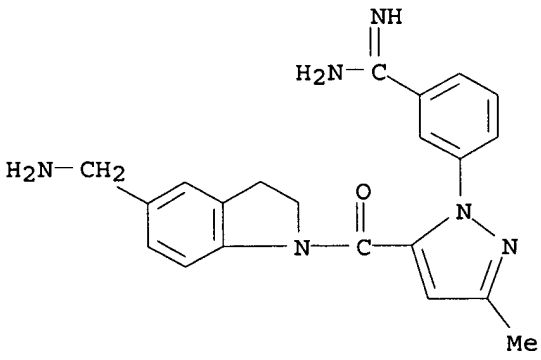
II

AB The title compds. [I; A = alkyl, cycloalkyl, (un)substituted Ph, etc.; Q = a direct link, CH2, CO, etc.; D = (un)substituted Ph, 6-membered heteroaryl having 1-2 ring N atoms; M = NR16CO, NR16CS, CR17R18CO, etc.; R16-R18 = H, halo, alkyl, etc.; E = a direct link, CO, CONR5, etc.; R5 = alkyl, alkenyl, alkynyl, etc.; G = a direct link, CR7R8, CR7aR8aCR7bR8b, CR7c:CR8c; R7, R8, R7a, R7b, R7c, R8a, R8b, R8c = H, halo, alkyl, etc.; J = a direct link, O, S, etc.; Y = (un)substituted Ph, naphthyl, monocyclic or fused bicyclic heterocyclyl; L = H, CN, CONR12R13; R12, R13 = H, alkyl, OH, etc.] having activity against mammalian factor Xa, and useful in vitro or in vivo for preventing or treating coagulation disorders, were prepared and formulated. E.g., a multi-step synthesis of the title compound II was given.

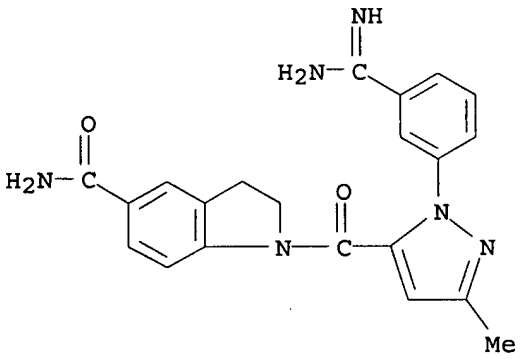
IT **327045-68-1P 327045-74-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclic compds. as inhibitors of factor Xa)

RN 327045-68-1 CAPLUS

CN 1H-Indole-5-methanamine, 1-[[1-[3-(aminoiminomethyl)phenyl]-3-methyl-1H-pyrazol-5-yl]carbonyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 327045-74-9 CAPLUS
CN 1H-Indole-5-carboxamide, 1-[[1-[3-(aminoiminomethyl)phenyl]-3-methyl-1H-pyrazol-5-yl]carbonyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:717892 CAPLUS
DOCUMENT NUMBER: 128:3688
TITLE: Preparation of aryl(carboxamido)azoles and analogs as modulators of molecules with phosphotyrosine recognition units
INVENTOR(S): Andersen, Henrik Sune; Moller, Niels Peter Hundahl; Madsen, Peter
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 79 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9740017	A2	19971030	WO 1997-DK166		19970417
WO 9740017	A3	19971211			
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
US 5958957	A	19990928	US 1997-842801		19970416
AU 9723813	A1	19971112	AU 1997-23813		19970417
JP 2000511883	T2	20000912	JP 1997-537609		19970417
ZA 9703349	A	19980120	ZA 1997-3349		19970418
US 5972978	A	19991026	US 1999-252883		19990219
US 6063800	A	20000516	US 1999-253443		19990219
US 6080770	A	20000627	US 1999-253419		19990219
PRIORITY APPLN. INFO.:			DK 1996-464	A	19960419
			US 1996-22116P	P	19960717

US 1997-842801 A3 19970416
WO 1997-DK166 W 19970417

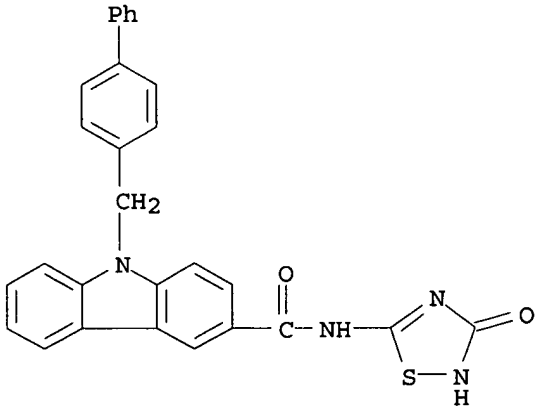
OTHER SOURCE(S): MARPAT 128:3688

AB R1ZR [R = NHSO3, CONHOH, azolyl, etc.; R1 = (un)substituted (un)substituted (hetero)aryl, (di)(alkyl)amino, etc.; Z = bond, alkylene, CONH, (alkyl)imino, etc.] were prepared as modulators of mols. with phosphotyrosine recognition units, e.g., as protein tyrosine phosphatase inhibitors, (no data). Thus, Et 2-naphthalenecarboxylate was amidated by H2NNH2 and the product cyclocondensed with CS2 to give 5-(2-naphthyl)-1,3,4-oxadiazol-2(3H)-thione.

IT **198894-16-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aryl(carboxamido)azoles and analogs as modulators of mols. with phosphotyrosine recognition units)

RN 198894-16-5 CAPLUS

CN 9H-Carbazole-3-carboxamide, 9-([1,1'-biphenyl]-4-ylmethyl)-N-(2,3-dihydro-3-oxo-1,2,4-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1996:712949 CAPLUS

DOCUMENT NUMBER: 126:54470

TITLE: Design, Synthesis, and Evaluation of Nonpeptidic Inhibitors of Human Rhinovirus 3C Protease

AUTHOR(S): Webber, Stephen E.; Tikhe, Jayashree; Worland, Stephen T.; Fuhrman, Shella A.; Hendrickson, Thomas F.; Matthews, David A.; Love, Robert A.; Patick, Amy K.; Meador, James W.; et al.

CORPORATE SOURCE: Agouron Pharmaceuticals, San Diego, CA, 92121, USA

SOURCE: Journal of Medicinal Chemistry (1996), 39(26), 5072-5082
CODEN: JMCMAR; ISSN: 0022-2623

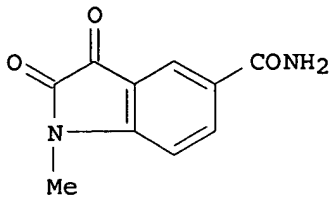
PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

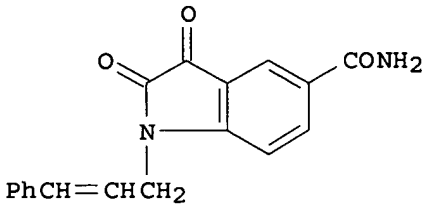
LANGUAGE: English

OTHER SOURCE(S): CASREACT 126:54470

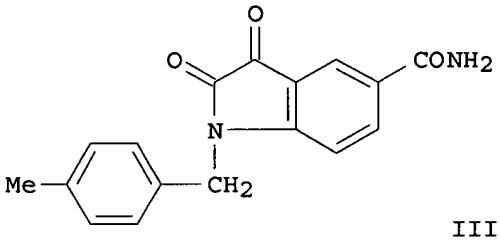
GI



I



II



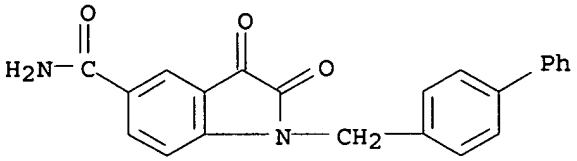
III

AB The design, synthesis, and biol. evaluation of reversible, nonpeptidic inhibitors of human rhinovirus (HRV) 3C protease (3CP) are reported. A novel series of 2,3-dioxindoles (isatins) were designed that utilized a combination of protein structure-based drug design, mol. modeling, and structure-activity relationship (SAR). The C-2 carbonyl of isatin was envisioned to react in the active site of HRV 3CP with the cysteine responsible for catalytic proteolysis, thus forming a stabilized transition state mimic. Mol.-modeling expts. using the apo crystal structure of human rhinovirus-serotype 14 (HRV-14) 3CP and a peptide substrate model allowed the authors to design recognition features into the P1 and P2 subsites, resp., from the 5- and 1-positions of isatin. Attempts to optimize recognition properties in the P1 subsite using SAR at the 5-position were performed. In addition, a series of ab initio calcns. were carried out on several 5-substituted isatins to investigate the stability of sulfide adducts at C-3. The inhibitors were prepared by general synthetic methods, starting with com. available 5-substituted isatins in nearly every case. All compds. were tested for inhibition of purified HRV-14 3CP. Compds. I, II, and III were found to have excellent selectivity for HRV-14 3CP compared to other proteolytic enzymes, including chymotrypsin and cathepsin B. Selected compds. were assayed for antiviral activity against HRV-14-infected HI-HeLa cells. A 2.8 Å cocrystal structure of derivative III covalently bound to human rhinovirus-serotype 2 (HRV-2) 3CP was solved and revealed that the isatin was situated in essentially the same conformation as modeled.

IT **184904-81-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(design, synthesis, and evaluation of nonpeptidic inhibitors of human rhinovirus 3C protease)

RN 184904-81-2 CAPLUS

CN 1H-Indole-5-carboxamide, 1-([1,1'-biphenyl]-4-ylmethyl)-2,3-dihydro-2,3-dioxo- (9CI) (CA INDEX NAME)



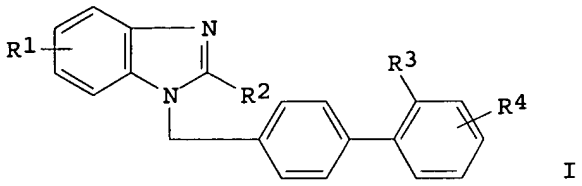
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:448554 CAPLUS
DOCUMENT NUMBER: 117:48554
TITLE: Preparation of 1-(4-biphenylyl)benzimidazoles as angiotensin II antagonists
INVENTOR(S): Narr, Berthold; Hauel, Norbert; Van Meel, Jacques; Wienen, Wolfgang; Entzeroth, Michael; Ries, Uwe
PATENT ASSIGNEE(S): Thomae, Dr. Karl, G.m.b.H., Germany
SOURCE: Eur. Pat. Appl., 72 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 468470	A1	19920129	EP 1991-112404	19910722
EP 468470	B1	19970416		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DE 4023369	A1	19920130	DE 1990-4023369	19900723
DE 4031287	A1	19920409	DE 1990-4031287	19901004
DE 4105324	A1	19920827	DE 1991-4105324	19910220
SU 1836357	A3	19930823	SU 1991-5001010	19910704
CA 2047496	AA	19920124	CA 1991-2047496	19910722
CA 2047496	C	20011023		
FI 9103503	A	19920124	FI 1991-3503	19910722
FI 105811	B1	20001013		
NO 9102859	A	19920124	NO 1991-2859	19910722
NO 178927	B	19960325		
NO 178927	C	19960703		
HU 58298	A2	19920228	HU 1991-2456	19910722
JP 04253966	A2	19920909	JP 1991-181033	19910722
JP 2539113	B2	19961002		
ZA 9105717	A	19930331	ZA 1991-5717	19910722
AT 151766	E	19970515	AT 1991-112404	19910722
ES 2100907	T3	19970701	ES 1991-112404	19910722
AU 9181227	A1	19920130	AU 1991-81227	19910723
AU 640505	B2	19930826		
IL 98933	A1	19951231	IL 1991-98933	19910723
KR 208548	B1	19990715	KR 1991-12580	19910723
US 5385925	A	19950131	US 1994-220472	19940330
US 5587393	A	19961224	US 1994-299693	19940901
US 5684029	A	19971104	US 1996-603773	19960220
PRIORITY APPLN. INFO.:			DE 1990-4023369 A	19900723
			DE 1990-4031287 A	19901004
			DE 1991-4105324 A	19910220
			US 1991-732868 B1	19910719

US 1994-220472 A3 19940330
US 1994-299693 A3 19940901

OTHER SOURCE(S): MARPAT 117:48554
GI



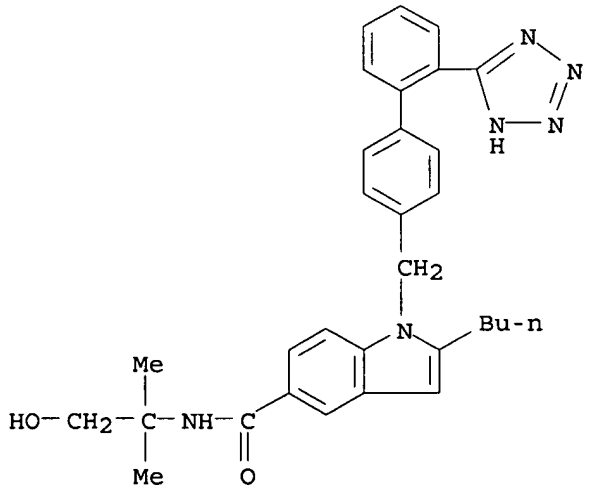
I

AB Title compds. [I; R1 = tetrahydrobenzimidazolyl, imidazopyridyl, (substituted) benzimidazolyl, benzoxazolyl, etc.; R2 = H, (S-interrupted) alkyl; R3 = carboxy, cyano, tetrazolyl, 1-triphenylmethyltetrazolyl, alkoxycarbonyl; R4 = H, F, Cl, Br], and their isomeric mixts. and salts, were prepared Thus, 2-propyl-5-(1-methylbenzimidazol-2-yl)benzimidazole (preparation from Me 3,4-diaminobenzoate.2HCl given) and tert-Bu 4'-bromomethylbiphenyl-2-carboxylate were stirred 15 h with KOCMe3 in Me2SO to give 70% coupling products, which were treated with CF3CO2H in CH2Cl2 to give a mixture of 4'-[[2-propyl-5-(1-methylbenzimidazol-2-yl)benzimidazol-1-yl)methyl]biphenyl-2-carboxylic acid and 4'-[[2-propyl-6-(1-methylbenzimidazol-2-yl)benzimidazol-1-yl]methyl]biphenyl-2-carboxylic acid. I antagonized angiotensin II in rats with pA2 values of 6.0-7.5. I, at up to 30 mg/kg i.v., were without toxic side effects, e.g., neg. inotropic activity.

IT **141864-64-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as angiotensin II antagonist)

RN 141864-64-4 CAPLUS

CN 1H-Indole-5-carboxamide, 2-butyl-N-(2-hydroxy-1,1-dimethylethyl)-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)



```
=> d his

     (FILE 'HOME' ENTERED AT 13:44:17 ON 04 FEB 2006)

     FILE 'REGISTRY' ENTERED AT 13:44:24 ON 04 FEB 2006
L1              STRUCTURE UPLOADED
L2            1 L1
L3          150 L1 FULL

     FILE 'MEDLINE, CAPLUS' ENTERED AT 13:45:15 ON 04 FEB 2006
L4            8 L3

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      43.64     210.79

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                      -5.25      -5.25

STN INTERNATIONAL LOGOFF AT 13:47:56 ON 04 FEB 2006
```